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United States Patent [19]

Schatz

[11] Patent Number: **5,195,984**[45] Date of Patent: **Mar. 23, 1993**[54] **EXPANDABLE INTRALUMINAL GRAFT**

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[73] Assignee: Expandable Grafts Partnership, San Antonio, Tex.

[21] Appl. No.: **657,296**[22] Filed: **Feb. 19, 1991****Related U.S. Application Data**

[63] Continuation of Ser. No. 253,115, Oct. 4, 1988, abandoned.

[51] Int. Cl. 5 **A61M 29/00**[52] U.S. Cl. **606/195; 606/193; 606/194; 623/1; 604/104; 604/96**[58] Field of Search **600/36; 604/96, 104; 606/193, 194, 195; 623/1, 12**[56] **References Cited****U.S. PATENT DOCUMENTS**

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[57] **ABSTRACT**

A plurality of expandable and deformable intraluminal vascular grafts are expanded within a blood vessel by an angioplasty balloon associated with a catheter to dilate and expand the lumen of a blood vessel. The grafts may be thin-walled tubular members having a plurality of slots disposed substantially parallel to the longitudinal axis of the tubular members, and adjacent grafts are flexibly connected by a single connector member disposed substantially parallel to the longitudinal axis of the tubular members.

6 Claims, 3 Drawing Sheets

